

IN THE CLAIMS

Claims 1-10 (canceled)

11. (previously presented) A process comprising producing a catalyst preparation by comminuting a catalyst containing at least one inorganic compound which is solid under standard conditions with a dispersion unit into particles having a maximum average particle size $d_{50,3}$ of 2 μm , implemented in accordance with DIN 66141 and DIN 66144, and is distributed at a concentration of from 1 to 50 wt.%, relative to the finished catalyst preparation, in a liquid.

12. (previously presented) The process according to claim 11, wherein the catalyst is distributed in a liquid at a concentration of from 20 to 40 wt%, relative to the finished catalyst preparation.

13. (previously presented) The process according to claim 11, wherein the solid inorganic compound is at least one compound selected from the group consisting of titanium dioxide, titanium-dioxide-containing substances, titanates, zeolites, aluminum oxide, boron oxides, germanium dioxide, antimony(III) oxide, cerium oxides, barium sulfate, zinc sulfide, and silicon dioxide.

14. (previously presented) The process according to claim 13, wherein the solid inorganic compound is at least one compound selected from the group consisting of hydrated titanium dioxide corresponding to the composition $y \text{ TiO}_2 \cdot z \text{ H}_2\text{O}$ (where $y = 1$, $z = 0.01$ to 2), and a titanate corresponding to the composition $(\text{Me}_n\text{O})_x \cdot (\text{TiO}_2)_y \cdot (\text{H}_2\text{O})_z$ (where $\text{Me} = \text{Li}, \text{Na}, \text{K}, \text{Rb}, \text{Cs}, \text{Mg}, \text{Ca}, \text{Sr}, \text{Ba}$; $n = 1$ for $\text{Me} = \text{alkaline earth metal}$ and $n = 2$ for $\text{Me} = \text{alkali metal}$; $x = 0.0001$ to 6; $y = 1$; $z = 0.01$ to 2).

15. (previously presented) The process according to claim 11, wherein the particles have a maximum average particle size $d_{50,3}$ of 1 μm .

16. (previously presented) The process according to claim 11, wherein the following said unit selected from the group consisting of a stirred ball mill, an ultrasonic homogenizer, an ultrasonic disintegrator, a high-pressure homogenizer, dispersing equipment based on the high-power pulse-type technique, dispersing equipment based on the impact jet process and an impact stream-type mill.

17. (previously presented) A process according to claim 11, wherein the liquid is at least one liquid selected from the group consisting of water, a C₁-C₂₀ alcohol, a diol, a carboxylic acid and a fatty acid.

18. (previously presented) A method comprising performing a condensation reaction, a polycondensation reaction, a transesterification of an ester, a transamidation of an amide, a rearrangement or an olefin polymerization with the catalyst preparation prepared by the process of claim 11.

19. (previously presented) A method comprising performing a photocatalysis reaction with the catalyst preparation prepared by the process of claim 11.

20. (previously presented) A method comprising boosting the effect of a catalyst enzyme system with the catalyst prepared by the process of claim 11.